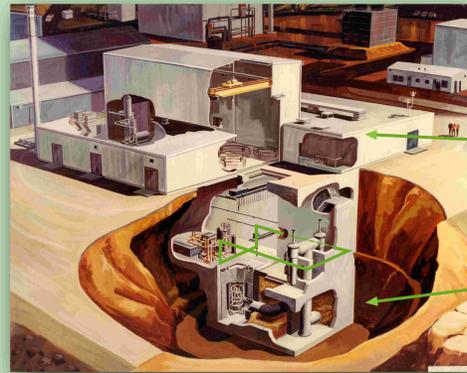


How Do We Know the Area Where SNAP 8 was Tested is Clean?



What Are the Results of the Radiological Survey?

- Upper portion of building met criteria for use without radiological controls
 - Demolished by conventional methods
 - Disposed of at Class 1 landfill
- Concrete vault where reactor tested was activated (radioactivity contained within the concrete)
 - Controlled demolition
 - Disposed of at low level radioactive waste disposal facility

How Do We Protect the Environment from Contamination?



- Concrete cut into blocks for removal
 - Minimizes spread of contamination
- Wet saw cutting
 - Limits airborne contamination
 - Saw cutting water contained and recycled
- Used plastic sheeting as a barrier against loose contamination
- Concrete blocks surveyed and wrapped with plastic liner
- Air sampling performed
 - No airborne contamination detected
- Wipe samples and instrument measurements performed during excavation
 - No contamination detected

Who Verified the Survey Results?



- Oak Ridge Institute of Science and Education (ORISE)
 - U.S. Center of Excellence for radiological surveys
 - Surveyed in October 1999



- California Department of Health Services Radiologic Health Branch (DHS)
 - State Regulatory authority
 - Surveyed in October 1999



- U.S. Environmental Protection Agency
 - Survey observed by public stakeholders
 - Surveyed in October 2000

- MARSSIM protocols used for surveys

How Do We Know the Land is Clean?



Soil and Rock Sampling

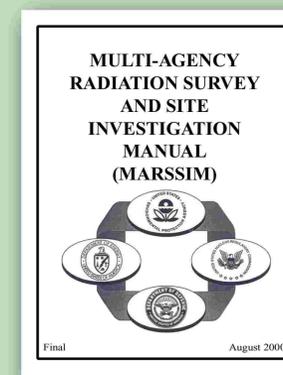
- MARSSIM protocols used
- Surveyed and sampled by Boeing in September 2004
- Sampled by ORISE in October 2004
- Sampled by DHS in October 2004
- Preliminary soil sample results from Boeing and ORISE indicate no contamination remaining

How Do We Protect the Workers from Radiation?



- Health physics oversight during all phases of demolition and waste disposal
 - Instrument surveys
 - Wipe tests
 - Air sampling
 - Water sampling
- Personnel monitored
 - Individual dosimeters
 - Frisked when leaving controlled work area
- Workers trained in radiological safety
- Protective clothing used in contamination areas

What is MARSSIM?



- Current radiation survey methods & procedures to determine presence or absence of radioactive contamination
- Endorsed by the:
 - Environmental Protection Agency
 - Nuclear Regulatory Commission
 - Department of Energy
 - Department of Defense
- Issued December 1997
- Updated August 2000